ZPS : Zoom Pool System

Vision

We are considering using a few tags for reporting Poll surveys and grading students. The system will be designed in such a way that the students will record their answers to the poles and give a result by determining the answers given for each session as a separate column, separating each student according to their names, classifying the poll results for each student and determining the correct and incorrect answers. This system will reduce the waste of time and ease the workload of the user.

Problem Statement

The process of reviewing potential users for responses to the pool survey given is very manual and most of the workload cannot be classified. If we explain this by exemplifying this situation, calculating whether the answer given by a student is correct or incorrect, how many questions he gave correct answers, separating the students according to their names and recording the answers they gave in the questionnaire for each course separately for each day will give us the positive structure of the system. Thanks to this system, it is aimed to further support the accuracy of the results. Providing explanatory student reviews to each new survey and making our system more efficient with each student response. In this way, we will have the chance to offer a better quality product to the people or companies we will provide this service. With this system, trainers and many training schools will be able to benefit from the projects.

List of Functional Requirements:

- The user can access student information in a defined format.

- Name and surname parsing is done.

- The user can see the correct number of answers and calculate his score.

- The sections entered by the student can be determined.

- Poll survey results can be viewed separately for each day and student.

- An excel file was created for each student's poll survey result.

- For newly entered poll surveys, it has been added to the old document whose results are saved in this survey.

List of non-Functional Requirements:

- The user can access the student information they want to view.

- When the user reviews, they do not have to reach everyone.

- Coding has been done to increase performance.
- The Software provided will provide 90% uptime.

DomainModel

Export
- xlsx: Integer
- xlsxPage
- xlsxPageDate
- xlsxPageDateTitle
- xlsxPageChart
- global
- histogram

Import
- bys: Bys
- answerKey: AnswerKey
- pollReport : PollReport
- path : Path
- student : String

Logger

Gui
- student : String
- session : session
- poll : poll
- studentList : StudentList
- pollList : PollList
- sessionList :SessionList
- allUnmatchedStudent : AllMatchedStudent

ZoomPollViewer
- student : String
- session : Integer
- studentById : Integer
- studentByEmail : String
- pollByQuestion : Poll
- pollByName: String
- numberOfStudent: Integer
- numberOfSession: Integer
- studentEmail : String
- temporaryStudent : String
- unmatchTemporaryStudent : UnmatchMatchStudent

Session
- dateTime: DataTime
- dateText: DataText
- poll: Poll
- attendance: Attandance
- dataFormatted: DataFormatted
- absent : Absent
- numberOfPoll : Integer
- attendancePergentage: Integer

Student
- firstName : String
- midldeName: String
- lastName : String
- name : String
- email : String
- studentId : Integer
- responses: Responses
- temporaryState: TemporaryState
- responseBySessionAndPoll:Response
- attendance : attendance
- absent : absent
- attendancePergentage : Integer
- averageGrade: Integer
- sessionAttendance:String

Response
- student: String
- session: Session
- poll: Poll
- answer: Answer
- grade: Integer

Poll
- name: String
- type: String
- question : String
- numberOfQuestion : Integer
- numberOfStudents : Integer
- sessionGrades: Integer
- gradesOfSession : Integer
- sessionNumberOfStudents: Integer

Question
- text: String
- choices: String
- correctChoices: String
- addChoice: String

Choice
- Text : String
- Correctness : Correctnes
- Correct : Correct